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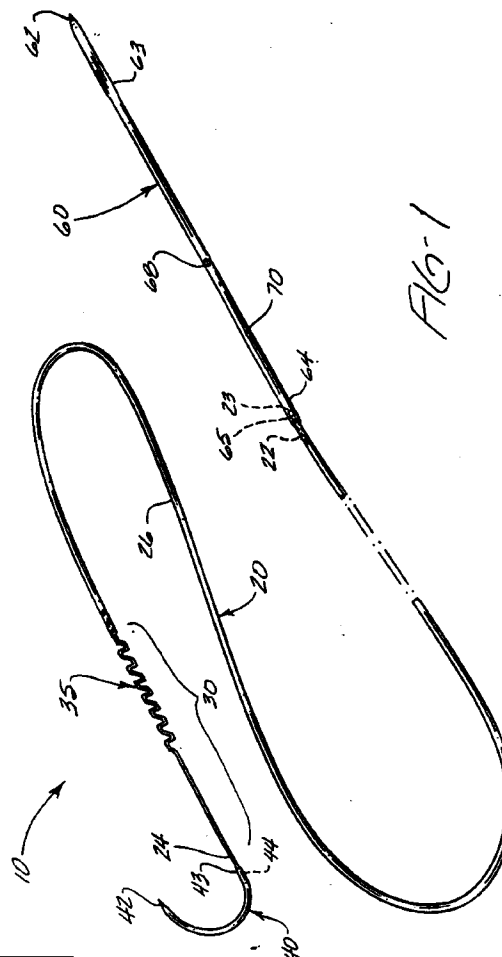
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(54) Cardiac pacing lead

(57) The pacing lead (10) has a conductive wire (20) comprising a single filament of a low modulus metal. A surgical needle (49) is mounted to a distal end (42) of the wire and an electrode needle (60) is mounted to the proximal end (23) of the wire. An integral anchor (35) is formed in a distal, uninsulated section (30) of the wire (20) for anchoring the pacing lead (10) in heart muscle. The wire has a "hand" similar to multifilament wires.





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 93 30 7357

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
X A	FR-A-2 670 116 (ETHNOR) * page 2, line 8 - page 3, line 23; figures 1-3 *	1-3 5-7	A61N1/05
A	--- EP-A-0 159 540 (OSYPKA) * page 6, line 19 - page 9, line 15; figures 1-10 *	1-3,6,7	
A	--- WO-A-92 15363 (GRANDJEAN) * page 7, line 15 - page 10, line 19; figures 2-6 *	1-3,5-7	
D,A	--- US-A-4 010 756 (DUMONT,ROMAGNE) * column 2, line 25 - column 4, line 2; figures 1-4 *	1,2,5-9	
A	--- EP-A-0 049 780 (RITTER,BRAY,KAGANOV) * page 4, line 29 - page 7, line 10; figures 1-4 *	1,2,5-9	
A	--- US-A-5 147 370 (O.MCNAMARA,MEDNIK) * column 4, line 10 - line 56; figure 1 *	4	TECHNICAL FIELDS SEARCHED (Int.Cl.5) A61N
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18 October 1995	Examiner Herbelet, J.C.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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